

# NATIONAL SOLAR OBSERVATORY

## Daily Sunspot Data From Automated Analysis

USAF OSPaN 630.315nm image

CLOUDS: Ukn

CONDITION: Good

OBSERVER: *TWH*

Irradiance reduction due to sunspot  
blocking = 0.12% at 630.315nm

**24 Nov 03**  
**16:00:34 UT**

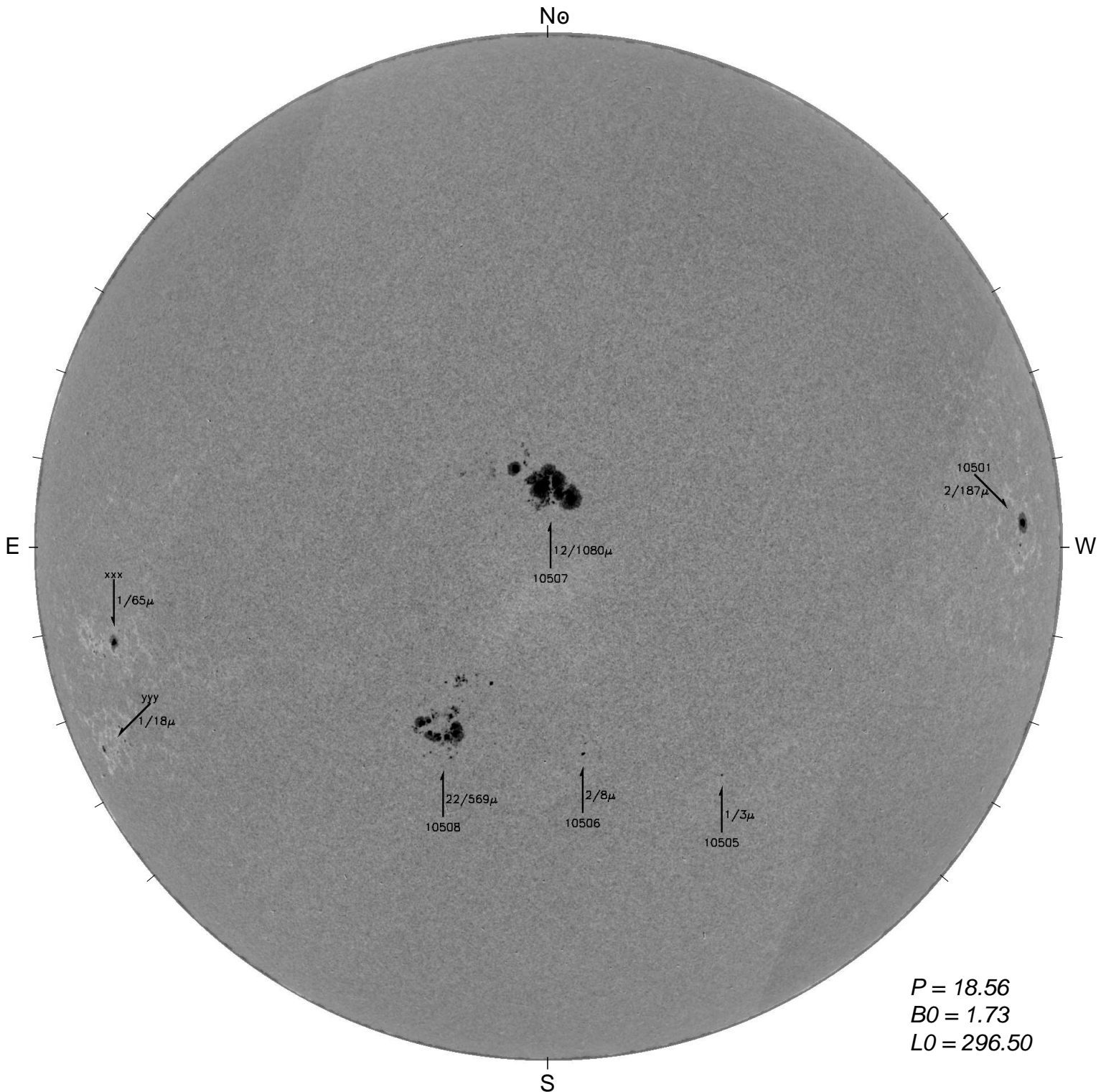
GROUPS: 7

SPOTS: 41

R-NUMBER: 111

TOTAL SPOT AREA: 1930  $\mu$

THRESHOLD: 0.92



$P = 18.56$   
 $B0 = 1.73$   
 $L0 = 296.50$